

9	18	27	36	45	54
ATG GCA GCA AGG CCC AAG CTC CAC TAT CCC AAC GGA AGA GGC CGG ATG GAG TCC					
M A A R P K L H Y P N G R G R M E S					
63	72	81	90	99	108
GTG AGA TGG GTT TTA GCT GCC GGC GGA GTC GAG TTT GAT GAA GAA TTT CTG GAA					
V R W V L A A A G V E F D E F L E					
117	126	135	144	153	162
ACA AAA GAA CAG TTG TAC AAG TTG CAG GAT GGT AAC CAC CTG CTG TTC CAA CAA					
T K E Q L Y K L Q D G N H L L F Q Q					
171	180	189	198	207	216
GTG CCC ATG GTT GAA ATT GAC GGG ATG AAG TTG GTA CAG ACC CGA AGC ATT CTC					
V P M V E I D G M K L V Q T R S I L					
225	234	243	252	261	270
CAC TAC ATA GCA GAC AAG CAC AAT CTC TTT GGC AAG AAC CTC AAG GAG AGA ACC					
H Y I A D K H N L F G K N L K E R T					
279	288	297	306	315	324
CTG ATT GAC ATG TAC GTG GAG GGG ACA CTG GAT CTG GAA CTG CTT ATC ATG					
L I D M Y V E G T L D L L E L L I M					

FIGURE 1A

333	CAT CCT TTC	342	TTA AAA CCA GAT GAT	351	CAG CAG	360	GAA AAG CAA AAG	369	GTT AAC	378	ATG GCC CAG
	H P F L K P D D Q Q						K E K Q		N M A Q		
387	AAG GCT ATA	396	ATT AGA TAC TTT	405	GTT CCT	414	AAG AAG TTT	423	AGG GGT	432	CAC GGA
	K A I I R Y F P						GAA AAG TTT		GGT GGT		
441	CAA AGC TTT	450	CTT GTT GGT AAT	459	CAG CTG	468	CTT AGC CTT	477	ATT TTA	486	CTC CAA
	S F L V G N Q L S L A D V I L L Q						CTT AGC CTT		ATT TTA		
495	ACC ATT TTA	504	GCT CTA GAA GAG	513	AAA ATT	522	AAT ATC	531	GCA TTT	540	CCT TTC
	I L A L E E K I P N I L S A F P F						AAT ATC		GCA TTT		
549	TC CAG GAA	558	TAC ACA GTG	567	AAA CTA	576	ATC CCT	585	AAG AGA	594	TTC CTT
	Q E Y T V K L S N I P T I K R F L						ATC CCT		AAG AGA		
603	CAA CCT GGC	612	AGC AAG AAG	621	CCT CCC	630	GAT GAA	639	GTG AGA	648	ACC GTC
	P G S K K K P P P P D E I Y V R T V						GAT GAA		GTG AGA		

FIGURE 1B

657	TAC AAC ATC TTT AGG CCA TAA AAC AAC ACA TCC ATG TGT GAG TGA CAG TGT GTT	666	675	684	693	702
	Y N I F R P					
711	CCT AGA GAT GGT ATT GTC TAC AGT CAT GTC TTA ATG GAT CCC AGC TCT GTC ATG	720	729	738	747	756
765	GTG CTA TCT ATG TAT TAA GTT GGG TCC TAA GTT GGG TCT TTT GT 3'	774	783	792		

FIGURE 1C

1	A	R	P	K	L	H	Y	P	N	G	R	G	R	M	E	S	V	R	W	V	L	A	A	G	V	E	F	D	E	E	F	L	E	T	K	E	Q	H	G	S	T	g825605					
1	E	K	P	K	L	H	Y	S	N	T	R	G	R	M	E	S	I	R	W	L	L	A	A	G	V	E	F	E	E	K	F	I	K	S	A	E	D	g825605									
1	E	K	P	K	L	H	Y	F	N	A	R	G	R	M	E	S	T	R	W	L	L	A	A	G	V	E	F	E	E	K	F	I	K	S	A	E	D	g259141									
1	A	K	P	K	L	Y	Y	F	N	G	R	G	R	M	E	S	I	R	W	L	L	A	A	G	V	E	F	E	E	F	L	E	T	R	E	Q	g193710										
41	K	L	Q	D	G	N	H	L	L	F	Q	Q	V	P	M	V	E	I	D	G	M	K	L	V	Q	T	R	S	I	L	H	Y	I	A	D	K	H	N	H	G	S	T	g825605				
41	K	L	R	N	D	G	Y	L	M	F	Q	Q	V	P	M	V	E	I	D	G	M	K	L	V	Q	T	R	A	I	L	N	Y	I	A	S	K	Y	N	g259141								
41	K	L	R	N	D	G	Y	L	M	F	Q	Q	V	P	M	V	E	I	D	G	M	K	L	V	Q	T	R	A	I	L	N	Y	I	A	S	K	Y	N	g193710								
41	K	M	Q	K	D	G	H	L	L	F	G	Q	V	P	L	V	E	I	D	G	M	L	T	Q	T	R	A	I	L	S	Y	L	A	A	K	Y	N										
81	K	N	L	K	E	R	T	L	I	D	M	Y	V	E	G	T	L	D	L	E	L	L	I	M	H	P	F	L	K	P	D	D	Q	Q	K	E					H	G	S	T	g825605		
81	K	D	I	K	E	R	A	L	I	D	M	Y	I	E	G	I	A	D	L	G	E	M	I	L	L	P	F	T	Q	P	E	E	Q	D	A	K					g259141						
81	K	D	I	K	E	R	A	L	I	D	M	Y	I	E	G	I	A	D	L	G	E	M	I	L	L	P	V	C	P	P	E	E	K	D	A	K					g193710						
81	K	D	L	K	E	R	V	R	I	D	M	Y	A	D	G	T	Q	D	L	M	M	I	A	V	A	F	F	K	T	P	K	E	K	E	S												
121	J	M	A	Q	K	A	I	I	R	Y	F	P	V	F	E	K	I	L	R	G	H	G	Q	S	F	L	V	G	N	Q	L	S	L	A	D	V	I	L					H	G	S	T	g825605
121	I	Q	E	K	T	K	N	R	Y	F	P	A	F	E	K	V	L	K	S	H	G	Q	D	Y	L	V	G	N	K	L	S	R	A	D	I	H	L					g259141					
121	I	K	E	K	I	K	N	R	Y	F	P	A	F	E	K	V	L	K	S	H	G	Q	D	Y	L	V	G	N	K	L	S	R	A	D	I	H	L					g193710					
121	I	L	S	R	A	K	T	R	Y	F	P	V	F	E	K	I	L	K	D	H	G	E	A	F	L	V	G	N	Q	L	S	W	A	D	I	Q	L										

1	2	T	I	L	A	L	E	E	K	I	P	N	I	L	S	A	F	P	F	L	Q	E	Y	T	V	K	L	S	N	I	P	T	I	K	R	F	L	E	P	HGST
1	3	L	L	Y	V	E	E	L	D	S	S	L	I	S	S	F	P	L	L	K	A	L	K	T	R	I	S	N	L	P	T	V	K	K	F	L	Q	P	g825605	
1	3	L	L	Y	V	E	E	L	D	S	S	L	I	S	S	F	P	L	L	K	A	L	K	T	R	I	S	N	L	P	T	V	K	K	F	L	Q	P	g259141	
1	4	A	I	L	M	V	E	E	L	S	A	P	V	L	S	D	F	P	L	L	Q	A	F	K	T	R	I	S	N	I	P	T	I	K	K	F	L	Q	P	g193710
2	3	K	K	K	P	P	P	D	E	I	Y	V	R	T	V	Y	N	I	F	R	P																			
2	3	P	R	K	P	P	M	D	E	K	S	L	E	E	S	R	K	I	F	R	F																			
2	3	P	R	K	P	P	M	D	E	K	S	L	E	E	A	R	K	I	F	R	F																			
2	3	Q	R	K	P	P	P	D	G	P	Y	V	E	V	V	R	I	V	L	K	F																			

FIGURE 2B

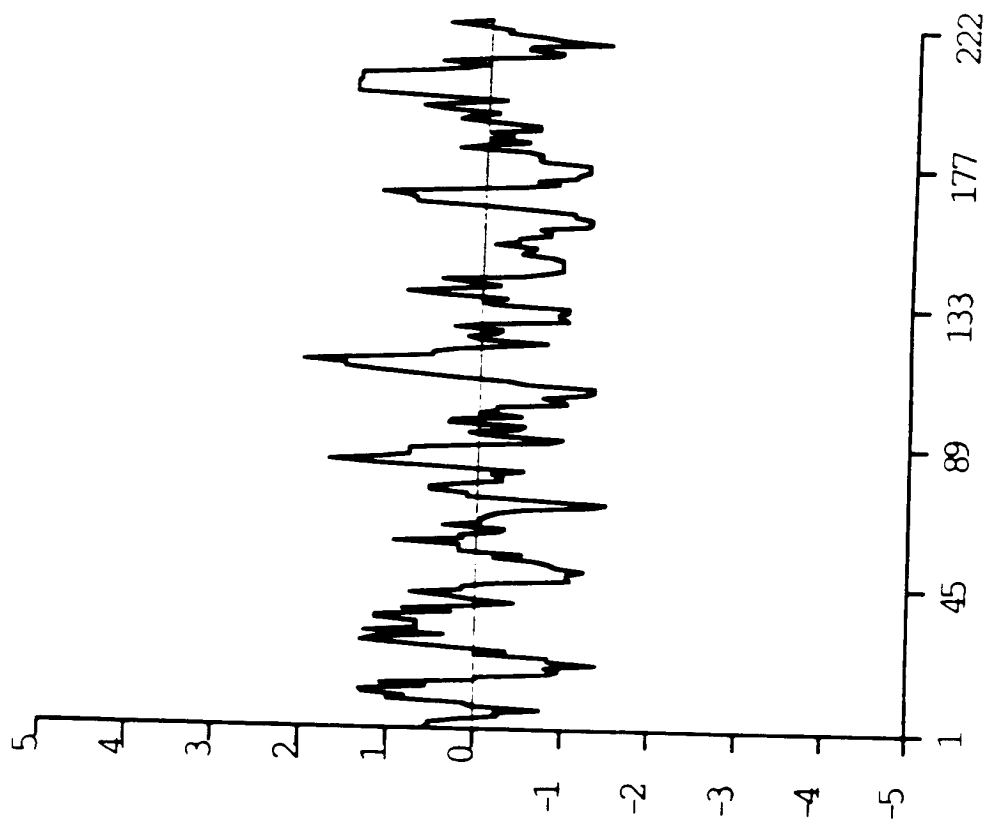


FIGURE 3

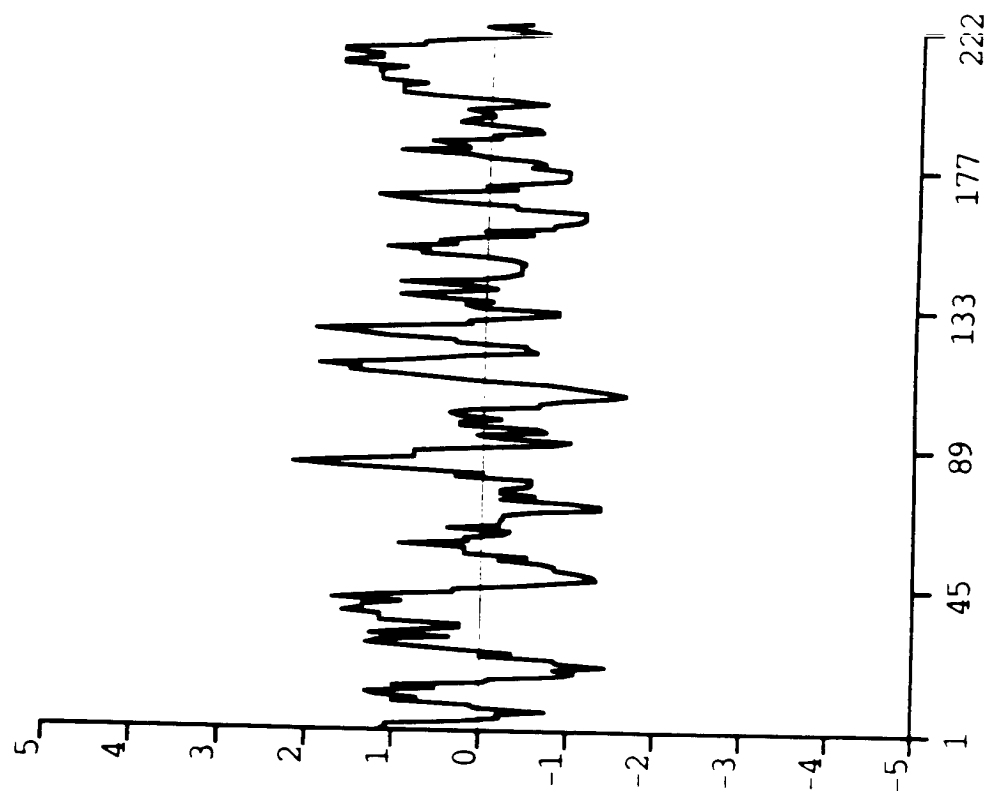


FIGURE 4

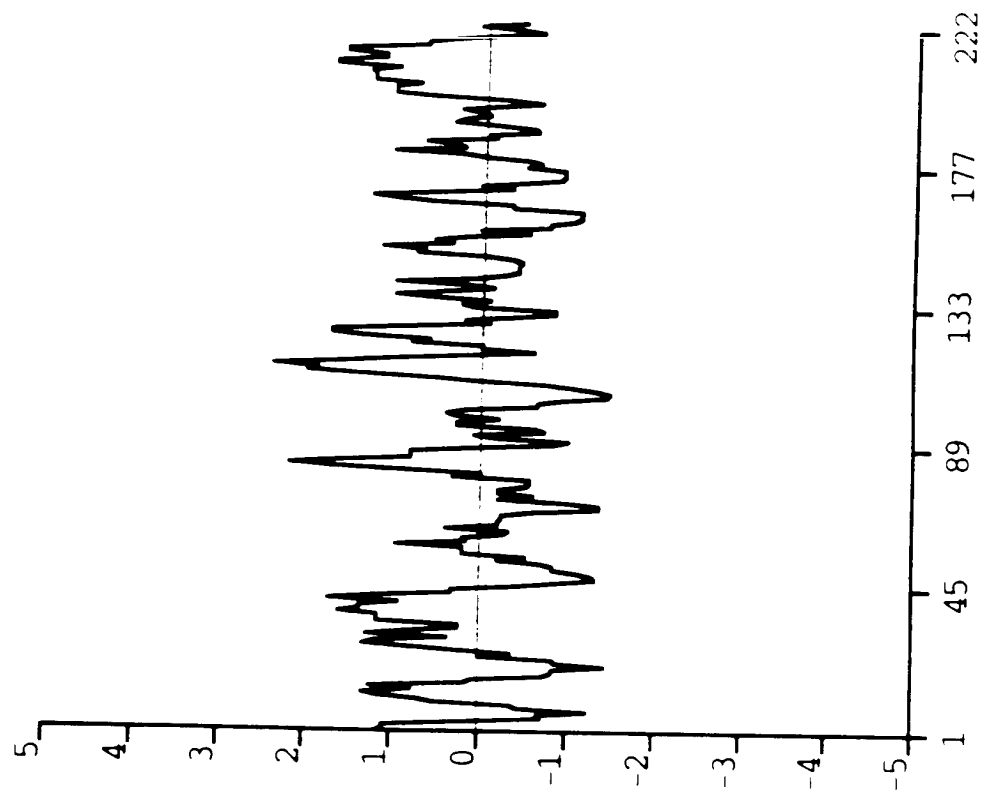


FIGURE 5



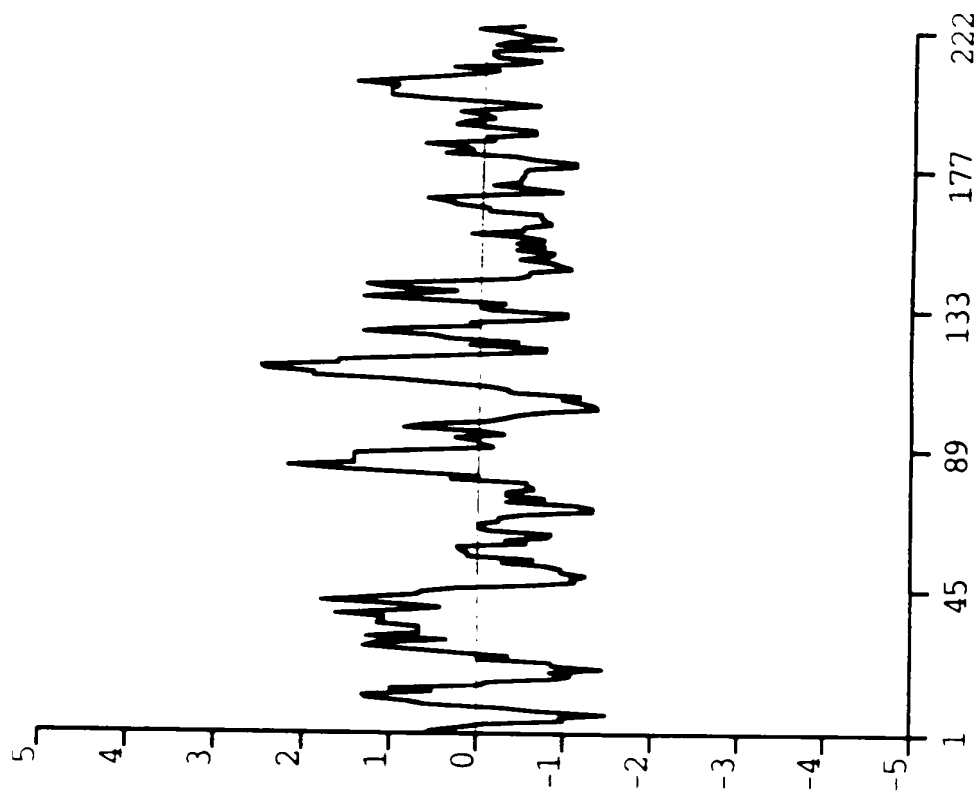


FIGURE 6

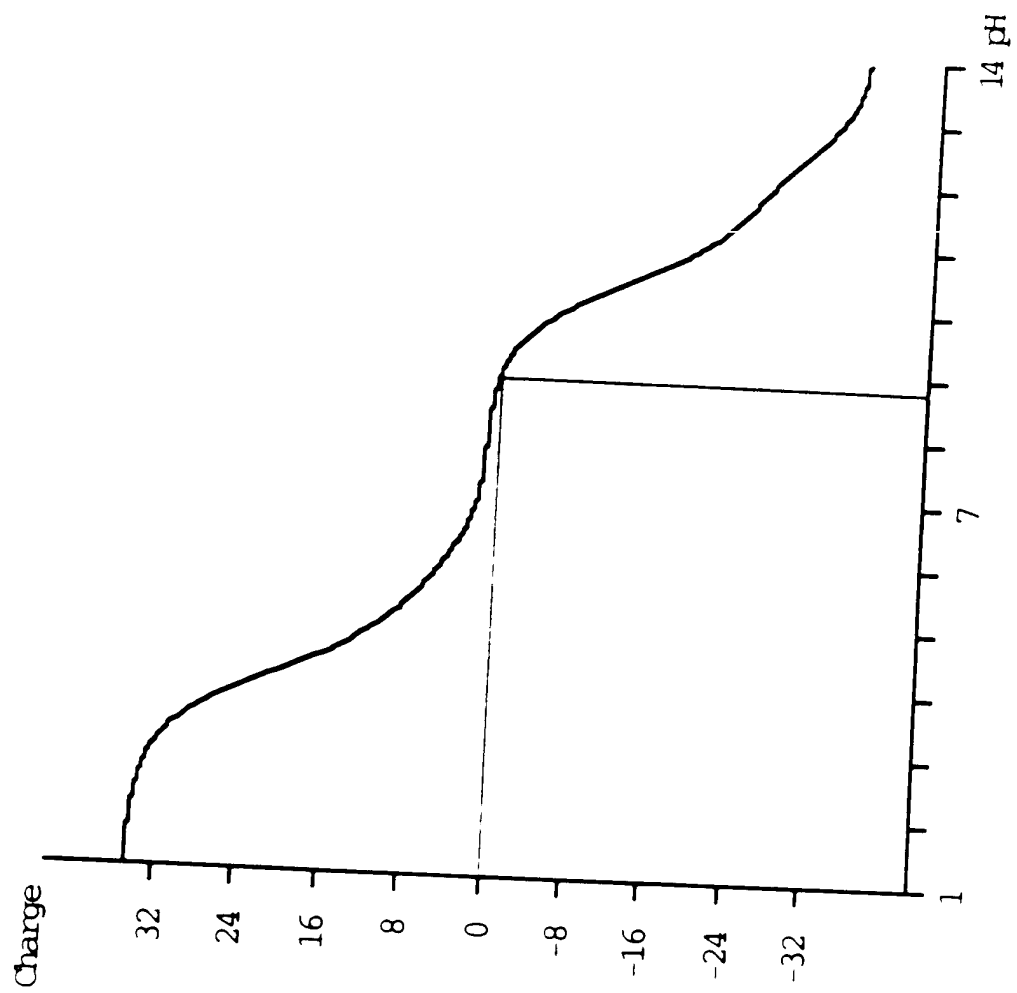


FIGURE 7

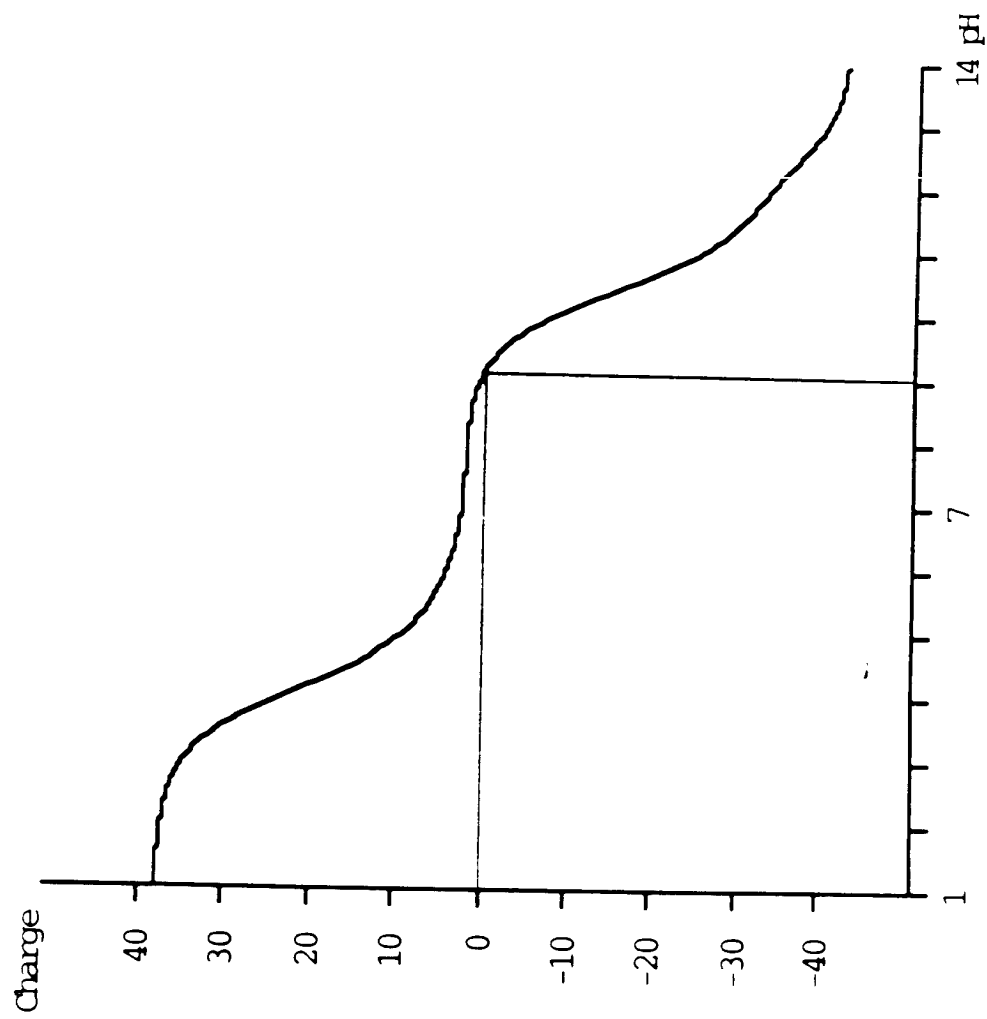


FIGURE 8

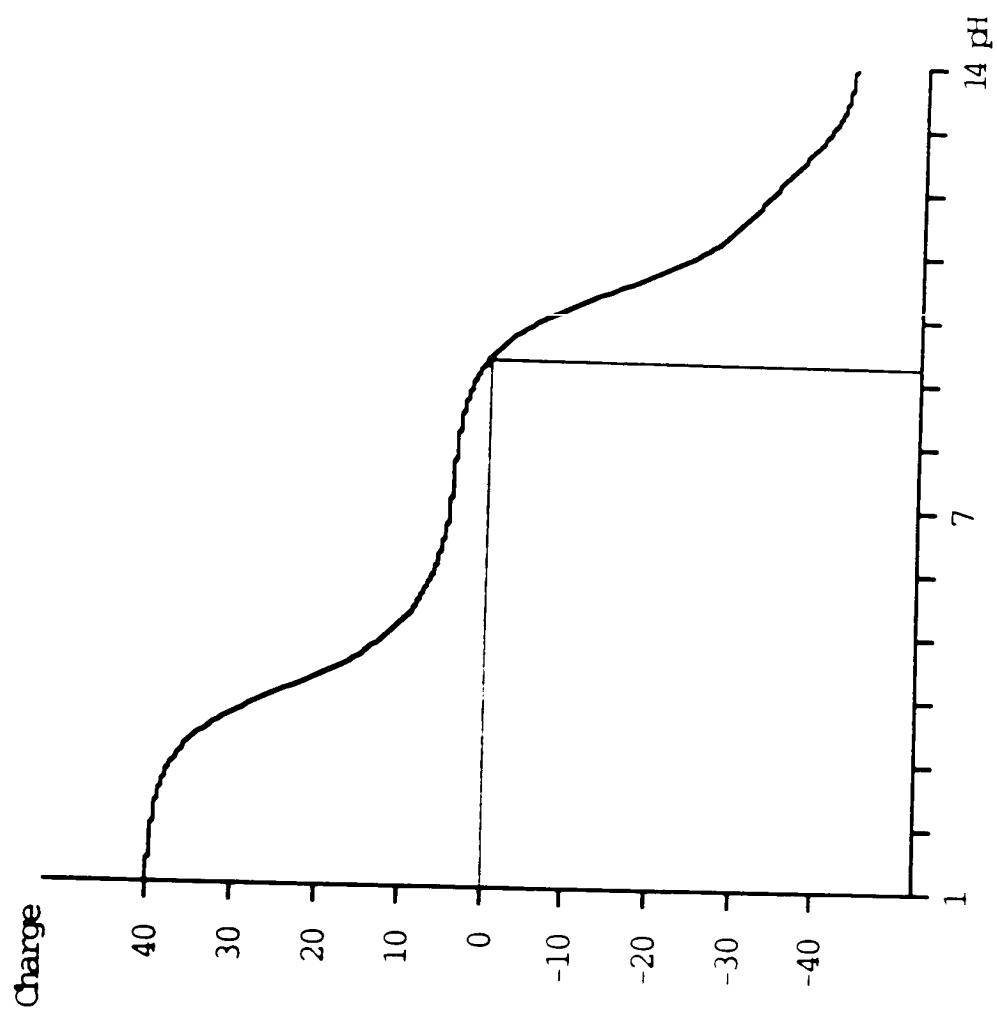


FIGURE 9